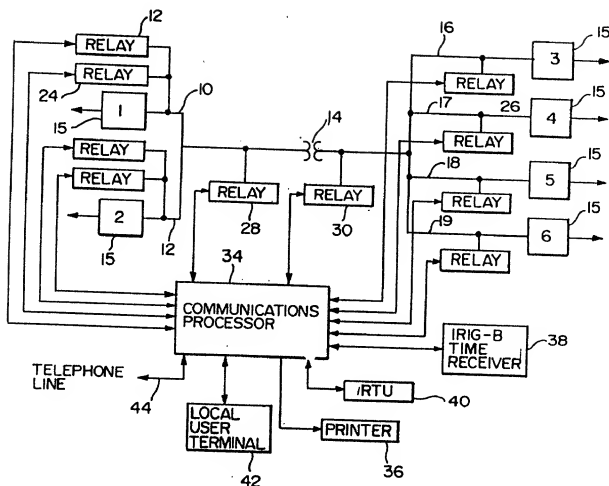


FIG. 1

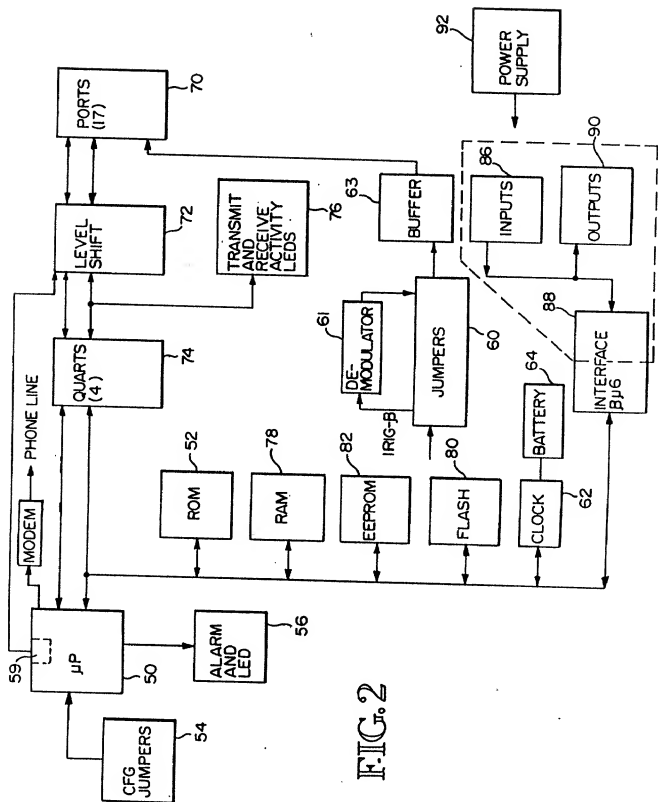


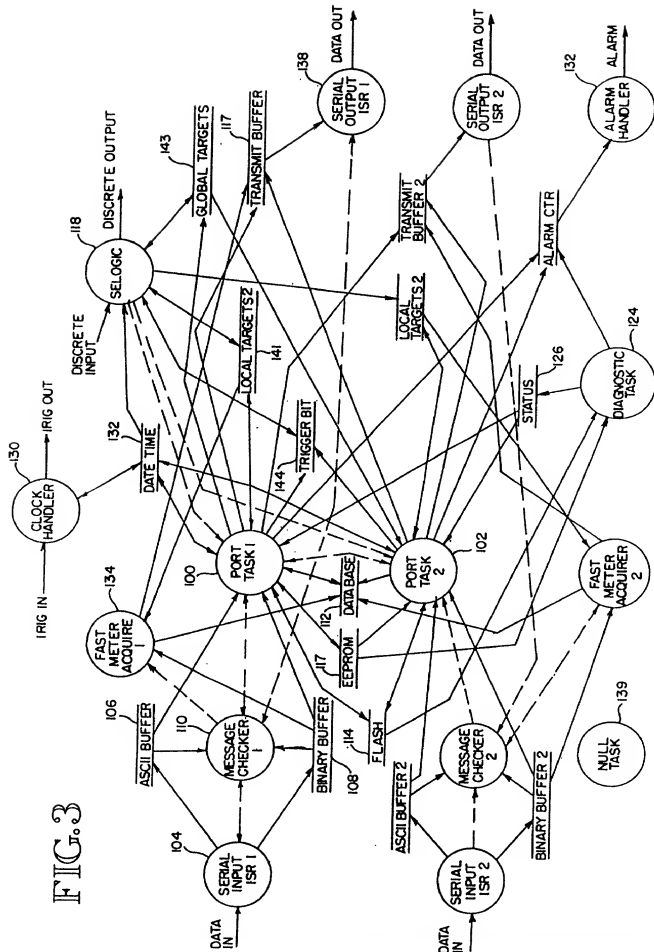
LEVEL

ISR

- |             |       |  |
|-------------|-------|--|
| 7 (HIGHEST) | ----- | CLOCK HANDLING ISR (EVERY 1.0 Msec.)           |
| 6           | ----- | FRONT PANEL SERIAL ISR                         |
| 5           | ----- | PORTS 13-16 ISRs                               |
| 4           | ----- | PORTS 9-12 ISRs                                |
| 3           | ----- | PORT 5-8 ISRs                                  |
| 2           | ----- | PORT 1-4 ISRs                                  |
| 1 (LOWEST)  | ----- | PERIODIC INTERRUPT TIMER ISR (EVERY 3.4 Msec.) |

FIG. 4





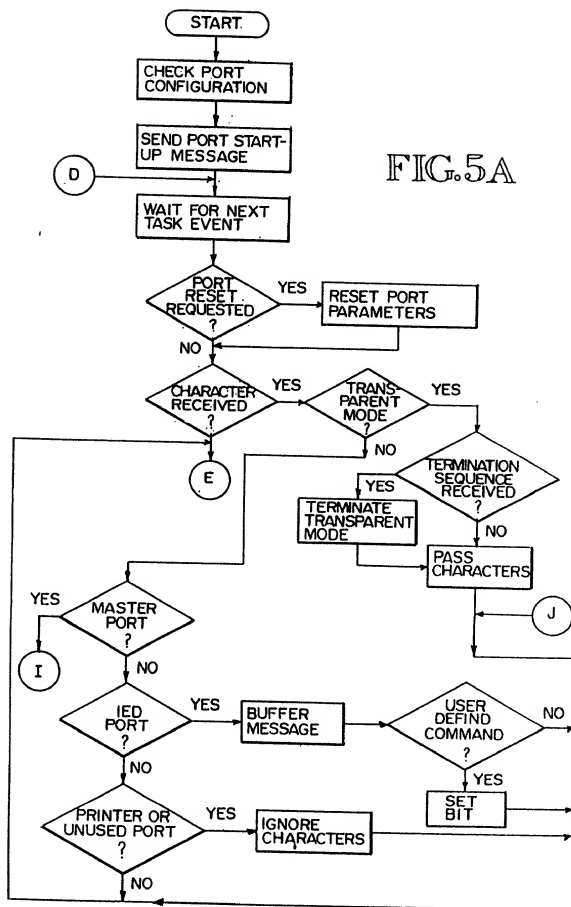
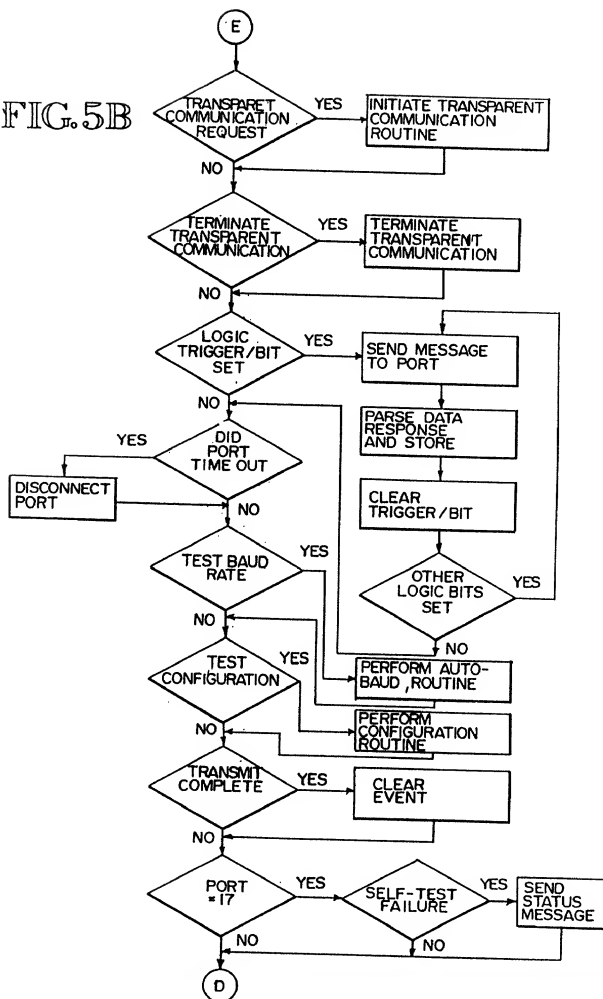


FIG. 5B



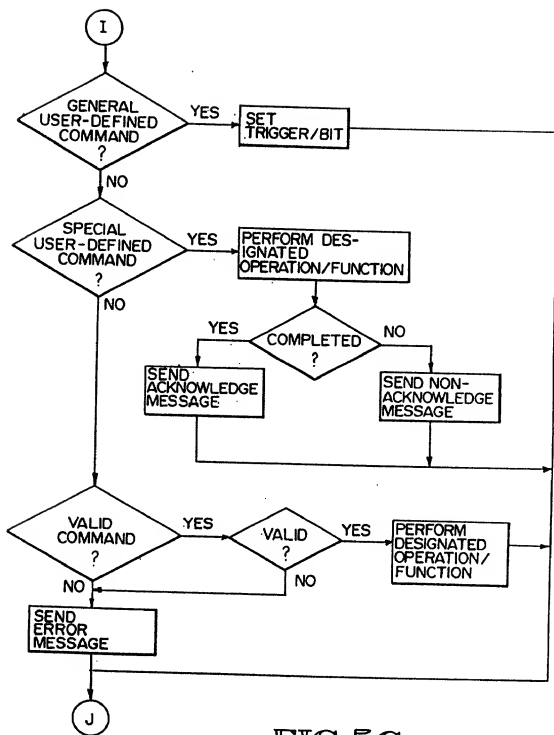


FIG.5C

